

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/000980

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B01F13/00 A61F2/46

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B01F A61F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/56514 A (FOSTER DAVID ; SUMMIT MEDICAL LTD (GB)) 9 August 2001 (2001-08-09) page 7, line 26 - page 13, line 7; figure 1	4,5,7,8
X	US 5 494 349 A (SEDDON PETER) 27 February 1996 (1996-02-27) column 4, line 13 - column 4, line 67; figures 2,4	7,8
A	US 4 721 390 A (LIDGREN LARS A A) 26 January 1988 (1988-01-26) column 3, line 4 - column 3, line 38; figure 3	1-14
A	US 5 558 136 A (ORRICO MICHAEL R) 24 September 1996 (1996-09-24) the whole document	1-14

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

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Date of the actual completion of the international search

14 June 2004

Date of mailing of the international search report

21/06/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Muller, G

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0156514	A	09-08-2001	GB 2359762 A AU 3021801 A CA 2398977 A1 WO 0156514 A1 EP 1257237 A1 US 2003103408 A1	05-09-2001 14-08-2001 09-08-2001 09-08-2001 20-11-2002 05-06-2003
US 5494349	A	27-02-1996	AU 656446 B2 AU 3090092 A CA 2125165 A1 DE 69221636 D1 DE 69221636 T2 EP 0616552 A1 ES 2107556 T3 WO 9310892 A1 GB 2276560 A ,B JP 7506288 T JP 3247698 B2	02-02-1995 28-06-1993 10-06-1993 18-09-1997 18-12-1997 28-09-1994 01-12-1997 10-06-1993 05-10-1994 13-07-1995 21-01-2002
US 4721390	A	26-01-1988	SE 450545 B AT 88077 T AT 148331 T DE 3587262 D1 DE 3587262 T2 DE 3588140 D1 DE 3588140 T2 EP 0178658 A2 EP 0528447 A1 JP 1841991 C JP 5052222 B JP 61098261 A SE 8405232 A	06-07-1987 15-04-1993 15-02-1997 19-05-1993 25-11-1993 13-03-1997 21-08-1997 23-04-1986 24-02-1993 12-05-1994 04-08-1993 16-05-1986 20-04-1986
US 5558136	A	24-09-1996	NONE	